

WEST

L3: Entry 13 of 34

File: USPT

Sep 1, 1998

DOCUMENT-IDENTIFIER: US 5800914 A

TITLE: Thermal image transfer recording medium

Detailed Description Text (23):

Specific examples of such acrylonitrile- or methacrylonitrile-based copolymers include acrylonitrile-methyl methacrylate copolymer, acrylonitrile-methyl acrylate copolymer, acrylonitrile-ethyl methacrylate copolymer, acrylonitrile-ethyl acrylate copolymer, acrylonitrile-n-butyl methacrylate copolymer, acrylonitrile-glycidyl methacrylate copolymer, acrylonitrile-glycidyl acrylate copolymer, acrylonitrile-2-hydroxyethyl methacrylate copolymer, acrylonitrile-iso-butyl methacrylate copolymer, acrylonitrile-tert-butyl methacrylate copolymer, acrylonitrile-2-hydroxypropyl methacrylate copolymer, methacrylonitrile-methyl methacrylate copolymer, methacrylonitrile-methyl acrylate copolymer, methacrylonitrile-ethyl methacrylate copolymer, methacrylonitrile-ethyl acrylate copolymer, methacrylonitrile-n-butyl methacrylate copolymer, methacrylonitrile-glycidyl methacrylate copolymer, methacrylonitrile-glycidyl acrylate copolymer, methacrylonitrile-2-hydroxyethyl methacrylate copolymer, methacrylonitrile-tert-butyl methacrylate copolymer, and methacrylonitrile-2-hydroxypropyl methacrylate copolymer.

applicant's election
of
MAN/glycidyl methacrylate

WEST

End of Result Set

L8: Entry 1 of 1

File: DWPI

May 23, 1973

DERWENT-ACC-NO: 1974-35216V

DERWENT-WEEK: 197419

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TITLE: Curing epoxy coatings formed by electrolytic polymn - by treatment with amines or acid anhydrides to give crosslinked coatings

Basic Abstract Text (1):

Epoxy group-contg. polymer coatings on metals, formed by electrolytic polymn. were treated with amines or acid anhydrides to give crosslinked coatings. In an example, faint yellow coating of 25:25 glycidyl acrylate-methacrylonitrile copolymer on al cathode (C anode, support electrolyte p-MeC₆H₄SO₃NET₄ in DMF) was dipped in 1.2M decamethylenediamine soln. in MeOH for 1 min. and dried at room temp. to give crosslinked coating with good adhesion, flexibility, and heat and solvent resistance, pencil hardness being increased from HB to 3H by crosslinking.

WEST**End of Result Set**

L15: Entry 17 of 17

File: USPT

Mar 25, 1975

US-PAT-NO: 3873493

DOCUMENT-IDENTIFIER: US 3873493 A

TITLE: PROCESS FOR MAKING REINFORCED THERMOSETS FROM EPOXY-FUNCTIONAL COPOLYMERS AND CROSSLINKING AGENTS

DATE-ISSUED: March 25, 1975

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Labana; Santokh S.	Dearborn Heights	MI		
Theodore; Ares N.	Farmington	MI		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Ford Motor Company	Dearborn	MI			02

APPL-NO: 05/ 443041 [PALM]

DATE FILED: February 15, 1974

PARENT-CASE:

This is a continuation of application Ser. No. 209,348, filed Dec. 17, 1971, and now abandoned.

INT-CL: [] C08f 45/04

US-CL-ISSUED: 260/42.28; 260/34.2, 260/42.29

US-CL-CURRENT: 523/400; 524/904

FIELD-OF-SEARCH: 260/41A, 260/42, 260/42.28, 260/42.29, 260/80.72, 260/86.1E, 260/34.2

PRIOR-ART-DISCLOSED:

U. S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>2580901</u>	January 1952	Erickson et al.	260/80.72
<input type="checkbox"/> <u>3518220</u>	June 1970	Landua et al.	260/37EP
<input type="checkbox"/> <u>3576782</u>	April 1971	Molbert et al.	260/41AG
<input type="checkbox"/> <u>3586654</u>	June 1971	Lerman et al.	260/34.2 X

OTHER PUBLICATIONS

lee et al., HANDBOOK OF EPOXY RESINS, McGraw-Hill Book Co., 1967, pp. 15-19, 20.

ART-UNIT: 141

PRIMARY-EXAMINER: Jacobs; Lewis T.

ABSTRACT:

An improved method for preparing reinforced thermosets employing epoxy-functional acrylic copolymers and crosslinking agents therefor which comprises forming a dry intimate, homogeneous, mixture of particulate solids which on a catalyst-free basis comprises an epoxy-functional copolymer of acrylic monomers of which glycidyl methacrylate is a constituent monomer, an organic crosslinking agent for said copolymer, and inorganic reinforcing material and which have average maximum particle diameter between about 5 and about 10 microns with less than 10 percent of said particles having maximum diameter above 25 microns and molding said mixture at a temperature in the range of about 300.degree.-400.degree. F. at a pressure in the range of about 500 to about 2,000 psi.

11 Claims, 0 Drawing figures